

INTEGRATED SERVICES DIGITAL NETWORK

3. BASIC RATE SERVICE (Cont'd)

B. Rates and Charges (Cont'd)

4. Following are the monthly rates and nonrecurring charges for Basic Rate ISDN Service. These rates and charges apply in addition to applicable rates and charges for other services as provided in this and other Company tariffs.

Basic Rate ISDN Service is offered on a measured usage basis with usage allowances.

a. Basic Rate Access Including Standard Features and Functions

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
Measured with 40-hour usage allowance per B-channel	\$100.00	\$44.00
Unlimited usage allowance	100.00	75.00

(C)

b. Usage Charges for Originating Local Calls Exceeding the Specified Usage Allowance

	<u>Per Minute Rate</u>
Per B channel	\$0.02

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service

7.10.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 1.544 Mbps (DS1) or 44.736 Mbps (DS3) isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises.

DS3 Channel Terminations are available utilizing an Electrical or Optical Interface. The Interfaces will have the characteristics of their respective signals at the Point of Termination.

Electrical Interface Channel Terminations will be provisioned utilizing Telephone Company provided equipment.

Optical Interface Channel Terminations will be provisioned utilizing Telephone Company provided equipment in the serving wire center. The Telephone Company will identify approved equipment types for use in conjunction with Telephone Company provided equipment. The customer must select and provide a system from this equipment at their premises.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.2 Technical Specifications Packages

	Package	
	HC1	HC3
Parameters		
Error-Free Seconds	X	
Optional Features and Functions		
Automatic Loop Transfer	X	
Battery Back-Up		X
Central Office Multiplexing:		
DS1 to Voice	X	
DS1 to DSO	X	
DS3 to DS1		X
Clear Channel Capability	X	

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 14bps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity channel:

CI	Bit Rate
DS-15	1.544 Mbps (DS1)
DS-44	44.736 Mbps (DS3)

Compatible channel interfaces are set forth in 15.3 following.

7.10.4 Optional Features and Functions

(A) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer premises. The customer is responsible for providing the equipment at its premises. Equipment at the customer designated premises will be provided under tariff only if it existed in the Telephone Company inventory as of November 18, 1983.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.4 Optional Features and Functions (Cont'd)

(B) Battery Back-Up

Battery Back-up is an optional DC power source to be used for emergency power for the channelizing equipment.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.4 Optional Features and Functions (Cont'd)

(C) Central Office Multiplexing

(1) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel at this DS1 to the Hub can also be used for a Digital Data Service.

(2) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

(3) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.4 Optional Features and Functions (Cont'd)

(D) Clear Channel Capability (CCC)

- (1) CCC is an arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel or over a 1.544 Mbps High Capacity channel derived from a multiplexed 44.736 Mbps High Capacity channel with no constraint on the quantity or sequence of one and zero bits. This arrangement requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical Reference TR-NPL-000054 and Technical Reference TR-INS-000342.
- (2) CCC is provided, subject to availability of facilities, on DS1/1.544 Mbps High Capacity channels between two customer designated premises and on multiplexed DS3/44.736 Mbps High Capacity channels or multiplexed DS1/1.544 Mbps High Capacity channels or multiplexed DS1/1.544 Mbps High Capacity channels* between a telephone company hub office and a customer designated premises. The wire centers providing CCC are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 4.
- (3) No charge applies when the CCC optional feature is ordered at the same time the High Capacity service is ordered. If the CCC optional feature is ordered as an addition to an existing High Capacity Service, a nonrecurring charge is applicable as set forth in 7.10.5 (C)(3) following. The customer must agree to out-of-service periods required to add this feature to an existing High Capacity Service.

*Available only on a DS1-to-Digital multiplexed configuration-

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.5 Rates and Charges - DS1

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination				
- Per Termination				
- 1.544 Mbps	TMECS	\$99.72	\$499.64	(R)
(B) Channel Mileage				
		<u>USOC</u>	<u>Monthly Rate</u>	
(1) Channel Mileage Facility				
- Per Mile				
- 1.544 Mbps		CMF	\$ 12.00	
(2) Channel Mileage Termination				
- Per Termination				
- 1.544 Mbps		CMT	\$140.20	

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.5 Rates and Charges - DS1 (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(1) Multiplexing, per arrangement			
DS1 to Voice*	MQ1	\$400.50	(I)
DS1 to DS0	QMU	400.50	

*A channel of this DS1 to the Hub can be used for Digital Data service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.5 Rates and Charges - DS1 (Cont'd)(C) Optional Features and Functions (Cont'd)

		<u>USOC</u>	<u>Monthly Rate</u>	
(2)	Automatic Loop Transfer - Per arrangement*	T59	\$335.56	(I)
		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(3)	Clear Channel Capability - Per 1.544 Mbps Transmission Path	CLR	None	\$101.28 (I)

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer premises.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS37.10.6.1 Monthly Rates and Charges Density Pricing Zone 1

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(A)	Channel Termination Per Termination				
	(1) Electrical Interface				
	Capacity of 1 Interface	THJAX	\$1,333.33	\$430.00	(R) (I)
	Capacity of 3 Interface	THJJX	1,950.00		(I)
	- Per DS3	TH5JX	190.46	430.00	
	Capacity of 6 Interface	HDJAX	3,340.00		
	- Per DS3	HD5AX	144.08	430.00	
	Capacity of 12 Interface	THJNX	4,600.00		
	- Per DS3	TH5NX	144.08	430.00	(I)
	(2) Optical Interface				
	Capacity of 1 Interface	TH2AX	\$1,355.00	\$430.00	(R)
	Capacity of 3 Interface	TH2JX	1,800.00		(R)
	- Per DS3	TH8JX	128.86	430.00	(R)
	Capacity of 6 Interface	HD2AX	2,800.00		(I)
	- Per DS3	HD8AX	97.31	430.00	(I)
	Capacity of 12 Interface	TH2NX	3,340.00		(R)
	- Per DS3	TH8NX	97.31	430.00	(I) (I)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.1 Monthly Rates and Charges Density Pricing Zone 1 (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charges	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$120.00	None	
(2) Channel Mileage Termination * - Per Termination	CMT	\$530.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.2 36 Month Rates and Charges Density Pricing Zone 1

		USOC	Monthly Rate	Nonrecurring Charges	
(A)	Channel Termination Per Termination				
	(1) Electrical Interface				
	Capacity of 1 Interface	THJAX	\$1,301.77	\$430.00	(I) (I)
	Capacity of 3 Interface	THJJX	1,756.57		(I)
	- Per DS3	TH5JX	171.57	430.00	(I)
	Capacity of 6 Interface	HDJAX	2,880.00		(R)
	- Per DS3	HD5AX	124.15	430.00	(R)
	Capacity of 12 Interface	THJNX	4,200.00		(I)
	- Per DS3	TH5NX	124.15	430.00	(R)
	(2) Optical Interface				
	Capacity of 1 Interface	TH2AX	\$1,310.00	\$430.00	
	Capacity of 3 Interface	TH2JX	1,600.00		
	- Per DS3	TH8JX	114.54	430.00	(R)
	Capacity of 6 Interface	HD2AX	2,600.00		(I)
	- Per DS3	HD8AX	90.36	430.00	
	Capacity of 12 Interface	TH2NX	3,400.00		
	- Per DS3	TH8NX	90.36	430.00	(I) (I)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.2 36 Month Rates and Charges Density Pricing Zone 1 (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$110.00	None	(I)
(2) Channel Mileage Termination * - Per Termination	CMT	\$480.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.3 60 Month Rates and Charges Density Pricing Zone 1

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(A) Channel Termination Per Termination					
(1) Electrical Interface					
Capacity of 1 Interface	THJAX		\$1,190.00	\$430.00	(I) (I)
Capacity of 3 Interface	THJJX		1,600.00		
- Per DS3	TH5JX		156.28	430.00	
Capacity of 6 Interface	HDJAX		2,750.00		
- Per DS3	HD5AX		118.63	430.00	
Capacity of 12 Interface	THJNX		3,800.00		
- Per DS3	TH5NX		118.63	430.00	
(2) Optical Interface					
Capacity of 1 Interface	TH2AX		\$1,200.00	\$430.00	
Capacity of 3 Interface	TH2JX		1,480.00		
- Per DS3	TH8JX		105.95	430.00	
Capacity of 6 Interface	HD2AX		2,300.00		
- Per DS3	HD8AX		79.94	430.00	
Capacity of 12 Interface	TH2NX		3,000.00		
- Per DS3	TH8NX		79.94	430.00	(I) (I)

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.3 60 Month Rates and Charges Density Pricing Zone 1 (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$ 99.00	None	(I)
(2) Channel Mileage Termination * - Per Termination	CMT	\$430.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS37.10.6.4 Monthly Rates and Charges Density Pricing Zone 2

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(A)	Channel Termination Per Termination				
	(1) Electrical Interface				
	Capacity of 1 Interface	THJAX	\$1,348.11	\$430.00	(R) (I)
	Capacity of 3 Interface	THJJX	1,950.00		(I)
	- Per DS3	TH5JX	190.46	430.00	
	Capacity of 6 Interface	HDJAX	3,400.00		
	- Per DS3	HD5AX	146.66	430.00	
	Capacity of 12 Interface	THJNX	4,750.00		
	- Per DS3	TH5NX	146.66	430.00	(I)
	(2) Optical Interface				
	Capacity of 1 Interface	TH2AX	\$1,370.02	\$430.00	(R)
	Capacity of 3 Interface	TH2JX	1,800.00		(R)
	- Per DS3	TH8JX	128.86	430.00	(R)
	Capacity of 6 Interface	HD2AX	2,850.00		(I)
	- Per DS3	HD8AX	99.06	430.00	
	Capacity of 12 Interface	TH2NX	3,750.00		
	- Per DS3	TH8NX	99.06	430.00	(I) (I)

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.4 Monthly Rates and Charges Density Pricing Zone 2 (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$120.00	None	
(2) Channel Mileage Termination * - Per Termination	CMT	\$530.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.5 36 Month Rates and Charges Density Pricing Zone 2

		USOC	Monthly Rate	Nonrecurring Charges	
(A)	Channel Termination Per Termination				
	(1) Electrical Interface				
	Capacity of 1 Interface	THJAX	\$1,300.00	\$430.00	(I) (I)
	Capacity of 3 Interface	THJJX	1,800.00		
	- Per DS3	TH5JX	175.81	430.00	
	Capacity of 6 Interface	HDJAX	3,100.00		
	- Per DS3	HD5AX	133.72	430.00	
	Capacity of 12 Interface	THJNX	4,300.00		
	- Per DS3	TH5NX	133.72	430.00	
	(2) Optical Interface				
	Capacity of 1 Interface	TH2AX	\$1,350.00	\$430.00	
	Capacity of 3 Interface	TH2JX	1,650.00		
	- Per DS3	TH8JX	118.12	430.00	
	Capacity of 6 Interface	HD2AX	2,550.00		
	- Per DS3	HD8AX	88.63	430.00	
	Capacity of 12 Interface	TH2NX	3,350.00		
	- Per DS3	TH8NX	88.63	430.00	(I) (I)

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.5 36 Month Rates and Charges Density Pricing Zone 2 (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charges	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$100.00	None	(R)
(2) Channel Mileage Termination * - Per Termination	CMT	\$480.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.6 60 Month Rates and Charges Density Pricing Zone 2

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(A)	Channel Termination Per Termination				
	(1) Electrical Interface				
	Capacity of 1 Interface	THJAX	\$1,150.00	\$430.00	(I) (I)
	Capacity of 3 Interface	THJJX	1,550.00		
	- Per DS3	TH5JX	151.39	430.00	
	Capacity of 6 Interface	HDJAX	2,700.00		
	- Per DS3	HD5AX	116.47	430.00	
	Capacity of 12 Interface	THJNX	3,750.00		
	- Per DS3	TH5NX	116.47	430.00	
	(2) Optical Interface				
	Capacity of 1 Interface	TH2AX	\$1,200.00	\$430.00	
	Capacity of 3 Interface	TH2JX	1,460.00		
	- Per DS3	TH8JX	104.52	430.00	
	Capacity of 6 Interface	HD2AX	2,300.00		
	- Per DS3	HD8AX	79.94	430.00	
	Capacity of 12 Interface	TH2NX	3,000.00		
	- Per DS3	TH8NX	79.94	430.00	(I) (I)

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.6 60 Month Rates and Charges Density Pricing Zone 2 (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$ 99.00	None	(I)
(2) Channel Mileage Termination * - Per Termination	CMT	\$430.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS37.10.6.7 Monthly Rates and Charges Density Pricing Zone 3

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(A) Channel Termination					
Per Termination					
(1) Electrical Interface					
Capacity of 1					
Interface	THJAX		\$1,696.23	\$430.00	(I) (I)
Capacity of 3					
Interface	THJJX		2,500.00		
- Per DS3	TH5JX		244.19	430.00	
Capacity of 6					
Interface	HDJAX		4,300.00		
- Per DS3	HD5AX		185.49	430.00	
Capacity of 12					
Interface	THJNX		6,000.00		
- Per DS3	TH5NX		185.49	430.00	
(2) Optical Interface					
Capacity of 1					
Interface	TH2AX		\$1,723.81	\$430.00	
Capacity of 3					
Interface	TH2JX		2,300.00		
- Per DS3	TH8JX		164.65	430.00	
Capacity of 6					
Interface	HD2AX		3,600.00		
- Per DS3	HD8AX		125.11	430.00	
Capacity of 12					
Interface	TH2NX		4,740.00		
- Per DS3	TH8NX		125.11	430.00	(I) (I)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.7 Monthly Rates and Charges Density Pricing Zone 3 (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$135.14	None	(I)
(2) Channel Mileage Termination * - Per Termination	CMT	\$671.62	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.8 36 Month Rates and Charges Density Pricing Zone 3 (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$100.00	None	(R)
(2) Channel Mileage Termination * - Per Termination	CMT	\$480.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

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7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.9 60 Month Rates and Charges Density Pricing Zone 3

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(A)	Channel Termination Per Termination				
	(1) Electrical Interface				
	Capacity of 1 Interface	THJAX	\$1,500.00	\$430.00	(I) (I)
	Capacity of 3 Interface	THJJX	2,000.00		
	- Per DS3	TH5JX	195.35	430.00	
	Capacity of 6 Interface	HDJAX	3,450.00		
	- Per DS3	HD5AX	148.82	430.00	
	Capacity of 12 Interface	THJNX	4,800.00		
	- Per DS3	TH5NX	148.82	430.00	
	(2) Optical Interface				
	Capacity of 1 Interface	TH2AX	\$1,500.00	\$430.00	
	Capacity of 3 Interface	TH2JX	1,880.00		
	- Per DS3	TH8JX	134.58	430.00	
	Capacity of 6 Interface	HD2AX	2,900.00		
	- Per DS3	HD8AX	100.79	430.00	
	Capacity of 12 Interface	TH2NX	3,800.00		
	- Per DS3	TH8NX	100.79	430.00	(I) (I)

Issued: August 29, 2003

Effective: September 8, 2003

Vice President-State Government Affairs
1440 "M" Street, Lincoln, NE 68508

ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.6 Rates and Charges - DS3 (Cont'd)7.10.6.9 60 Month Rates and Charges Density Pricing Zone 3 (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charges	
(B) Channel Mileage				
(1) Channel Mileage Facility - Per Mile	CMF	\$110.00	None	(I)
(2) Channel Mileage Termination * - Per Termination	CMT	\$545.00	\$500.00	(I) (R)
(C) Optional Features and Functions				
(1) Multiplexing, Per Arrangement DS3 to DS1	MQ3	\$290.89		(R)
(2) Battery Back-Up, Per Arrangement	BU6	\$ 92.00		(I)

* Nonrecurring charges apply to Channel Mileage Terminations when installed without a Channel Termination.

Issued: August 29, 2003

Effective: September 8, 2003

Vice President-State Government Affairs
1440 "M" Street, Lincoln, NE 68508

**QWEST OMAHA FORBEARANCE PETITION
WC DOCKET 04-223**

Responses to FCC inquiries

TAB 18

Request: On May 18, 2005, Qwest provided a binder to the FCC Staff providing a variety of documentation in support of its petition for regulatory forbearance in the Omaha MSA. After reviewing the documentation, the FCC has asked for further information regarding primary and secondary line loss in the Omaha MSA.

Response: **Omaha MSA Losses of Qwest Retail Primary and Additional Consumer Lines**

Note: Some of the information provided is Confidential.

Between December 2003 and December 2004, Qwest's residential access line base in the Omaha MSA declined by a total of ***REDACTED FOR PUBLIC INSPECTION*** lines. Of this total reduction, 81%, or ***REDACTED FOR PUBLIC INSPECTION*** lines, were primary residential lines while the residential secondary line base declined by 19%, or ***REDACTED FOR PUBLIC INSPECTION*** lines (see attached). Clearly, Qwest is experiencing continued competitive pressure for both primary and secondary lines, while the preponderance of its residential access line base reduction is driven by declines in its primary access line base. When determining competitive market share, Qwest always includes all lines (both primary and secondary) in the addressable market. In some instances, two line Qwest consumers may elect to remove one Qwest line and replace that line with service of a CLEC such as Cox. In this case, it would be inappropriate to conclude that Qwest has not lost the customer. In fact, it is more appropriate to view this competitive effect as resulting in a 50% market share for each provider, since each carrier in this example now provides a "primary" line to the customer.

Report 36h -- 3/2005 271 Quarterly Access Lines by Wire Center by Channel by Product

NOTE: Includes channels - CSG, GBA, NBA

MSA
CIII8
MU Category
Channel
State
Access Type

OMAHA
(All)
(All)
(All)
(All)
(All)

			Data	
Wire Center	Product Group	Product Name	Sum of 12/2003 In-Svc	Sum of 12/2004 In-Svc
BENNINGTON	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
BENNINGTON Total			*REDACTED*	*REDACTED*
COUNCIL BLUFFS DOWNTOWN	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
COUNCIL BLUFFS DOWNTOWN(WEST) Total			*REDACTED*	*REDACTED*
COUNCIL BLUFFS MANAWA	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
COUNCIL BLUFFS MANAWA(MAIN) Total			*REDACTED*	*REDACTED*
CRESCENT	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
CRESCENT Total			*REDACTED*	*REDACTED*
ELKHORN-WATERLOO	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
ELKHORN-WATERLOO Total			*REDACTED*	*REDACTED*
GLENWOOD-MINEOLA	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
GLENWOOD-MINEOLA Total			*REDACTED*	*REDACTED*
GRETNA	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
GRETNA Total			*REDACTED*	*REDACTED*
MALVERN	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
MALVERN Total			*REDACTED*	*REDACTED*
MISSOURI VALLEY	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
MISSOURI VALLEY Total			*REDACTED*	*REDACTED*
NEOLA	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
NEOLA Total			*REDACTED*	*REDACTED*
OMAHA 135TH ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA 135TH ST Total			*REDACTED*	*REDACTED*
OMAHA 156 ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA 156 ST Total			*REDACTED*	*REDACTED*
OMAHA 78TH ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA 78TH ST Total			*REDACTED*	*REDACTED*

REDACTED FOR PUBLIC INSPECTION

Data				
Wire Center	Product Group	Product Name	Sum of 12/2003 In-Svc	Sum of 12/2004 In-Svc
OMAHA 84TH ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA 84TH ST Total			*REDACTED*	*REDACTED*
OMAHA 90TH ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA 90TH ST Total			*REDACTED*	*REDACTED*
OMAHA BELLEVUE	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA BELLEVUE Total			*REDACTED*	*REDACTED*
OMAHA DOUGLAS	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA DOUGLAS Total			*REDACTED*	*REDACTED*
OMAHA FORT ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA FORT ST Total			*REDACTED*	*REDACTED*
OMAHA FOWLER ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA FOWLER ST Total			*REDACTED*	*REDACTED*
OMAHA IZARD ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA IZARD ST Total			*REDACTED*	*REDACTED*
OMAHA O ST	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
OMAHA O ST Total			*REDACTED*	*REDACTED*
SPRINGFIELD	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
SPRINGFIELD Total			*REDACTED*	*REDACTED*
UNDERWOOD	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
UNDERWOOD Total			*REDACTED*	*REDACTED*
VALLEY	RESIDENCE	RES ADL	*REDACTED*	*REDACTED*
		RES PRIMARY	*REDACTED*	*REDACTED*
	RESIDENCE Sum		*REDACTED*	*REDACTED*
VALLEY Total			*REDACTED*	*REDACTED*
		RES ADL Sum	*REDACTED*	*REDACTED*
		RES PRIMARY Sum	*REDACTED*	*REDACTED*
Grand Total			*REDACTED*	*REDACTED*

REDACTED FOR PUBLIC INSPECTION

**QWEST OMAHA FORBEARANCE PETITION
WC DOCKET 04-223**

Responses to FCC inquiries

TAB 19

Request: On May 18, 2005, Qwest provided a binder to the FCC Staff providing a variety of documentation in support of its petition for regulatory forbearance in the Omaha MSA. After reviewing the documentation, the FCC has asked for further information regarding DS1 and DS3 Special Access services sold by Qwest in the Omaha MSA.

Response: ***Note: The information provided is Confidential.***

See Attachment 1. Note that Qwests' customers' names have been masked to comply with Customer Proprietary Information obligations. The data provided is from July 2004, and reflects inter-state services only.

QWEST SPECIAL ACCESS CHANNEL TERMINATIONS
OMAHA MSA

TAB 19
Attachment 1

Sum of Count	PRODUCT		
Customer Number	DS1	DS3	Grand Total
Carrier 16	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 17	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 40	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 23	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 42	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 8	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 1	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 48	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 39	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 29	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 2	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 3	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 37	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 32	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 9	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 24	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 28	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 35	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 4	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 5	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 31	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 19	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 12	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 47	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 6	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 21	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 38	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 20	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 41	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 7	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 27	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 13	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 14	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 33	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 43	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 25	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 18	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 10	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 36	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 44	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 46	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 30	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 11	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 22	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 15	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 26	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 45	*REDACTED*	*REDACTED*	*REDACTED*
Carrier 34	*REDACTED*	*REDACTED*	*REDACTED*
Grand Total	*REDACTED*	*REDACTED*	*REDACTED*

REDACTED FOR PUBLIC INSPECTION

**QWEST OMAHA FORBEARANCE PETITION
WC DOCKET 04-223**

Responses to FCC inquiries

TAB 20

Request: On May 18, 2005, Qwest provided a binder to the FCC Staff providing a variety of documentation in support of its petition for regulatory forbearance in the Omaha MSA. After reviewing the documentation, the FCC has asked for further information regarding the availability of facilities from other telecommunications carriers in the Omaha MSA.

Response: **Nebraska Public Service Commission 2004 Report to the Nebraska Legislature Regarding Telecommunications in Nebraska**

The Nebraska Public Service Commission ("PSC") produces an annual report to the Nebraska Legislature regarding the status of the telecommunications industry in the state. This report, which is attached to this document, contains only publicly-available information and is currently posted at the Nebraska PSC website.²⁰ At page 5 of the 2004 report, the Nebraska PSC shows the number of access lines in service as of January 2004 as reported to the Nebraska PSC by all telecom carriers serving Nebraska, including Qwest, Independent providers and CLECs. At page 5, Cox reported having 121,909 access lines in Nebraska (15,180 business and 106,729 residential) as of January 2004. As shown in the current Cox website, Cox is only providing service in Nebraska in the greater Omaha area²¹ and the entire Nebraska access line base reported by Cox is therefore specific to Omaha and contains no Iowa access lines (any access lines Cox services in the Council Bluffs portion of the Omaha MSA are over and above the totals reported by Cox to the Nebraska PSC).

In its May 2005 sales presentation to an Omaha Qwest business customer, Cox reported that it now has over 165,000 access lines in the Omaha area, a total 35% higher than the number reported to the Nebraska PSC in January 2004 (an elapsed period of 17 months). This is indicative of the continuing strength of the market gains Cox is experiencing in the Omaha MSA. lecom carriers serving Nebraska, including Qwest, Independent providers and CLECs. At page 5, Cox reported having 121,909 access lines in Nebraska (15,180 business and 106,729 residential) as of January 2004. As shown in the current Cox website, Cox is only providing service in Nebraska in the greater Omaha area²² and the entire Nebraska access line base reported by Cox is therefore specific to Omaha and contains no Iowa access lines (any access lines Cox services in the Council Bluffs portion of the Omaha MSA are over and above the totals reported by Cox to the Nebraska PSC).

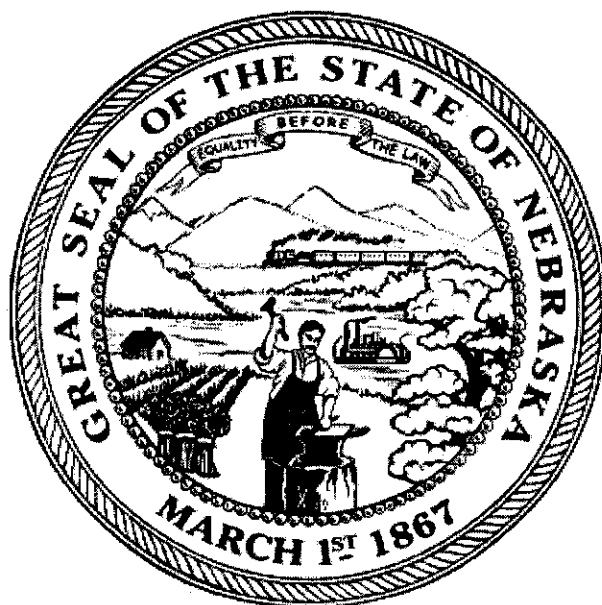
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²⁰ <http://www.psc.state.ne.us/home/NPSC/communication/AnnualReport2004.pdf>

²¹ <http://www.cox.com/Omaha/>

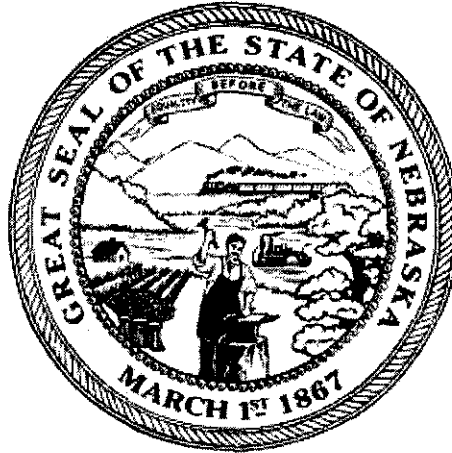
²² <http://www.cox.com/Omaha/>

Nebraska Public Service Commission



2004 Annual Report on Telecommunications

**ANNUAL REPORT TO THE LEGISLATURE
ON THE STATUS OF
THE NEBRASKA TELECOMMUNICATIONS INDUSTRY**



NEBRASKA PUBLIC SERVICE COMMISSION

September 30, 2004

**Nebraska Public Service Commission
300 The Atrium
1200 N Street
P.O. Box 94927
Lincoln, NE 68509-4927
(402) 471-3101
(800) 526-0017 (Instate Only)
<http://www.psc.state.ne.us>**

2004 ANNUAL REPORT TO THE LEGISLATURE
Nebraska Public Service Commissioners

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McCook
Chairman

Lowell C. Johnson
3rd District
North Bend

Frank E. Landis
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Lincoln

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John Burvainis - Deputy Director
Steve Stovall - Staff Accountant
Tyler Frost - Cost Analyst
Don Gray - Telecommunications Technician/Analyst
Cheryl Elton - Consumer Affairs Advocate
Pam Karstensen - Consumer Advocate Assistant
Joan Raffety - Administrative Assistant

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Camelia Rogers - Policy Analyst
Brandy Zierott - Administrative Assistant
Kathy Ptacek - Nebraska Telephone Assistance Program - Administrative Assistant
Jamie McAllister - Nebraska Telephone Assistance Program - Administrative Assistant

Enhanced 911 Wireless Department

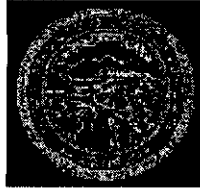
Kara Thielen - Director
Lynn Marshall - E911 Coordinator

Nebraska Public Service Commission

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NEBRASKA CONSUMER HOTLINE
(800) 526-0017

September 30, 2004

Members of the Legislature:

This year's annual Telecommunications Report to the Legislature capsules activities at the Public Service Commission in the communications sphere of its responsibilities. Although the 70-some pages of information of this report cannot be summarized here, I take this opportunity to call your attention to a few highlights.

The Commission has responded to the concerns of Nebraskans about the status of their distance learning networks. Through the Commission's leadership, Nebraska eliminated its backlog of requests for distance learning hookups, convened a task force to address funding of next generation distance learning, and continues to seek funding sources to make all of this come to fruition.

Health concerns also have been at the forefront of Public Service Commission activities. The Commission recently approved funding of \$900,000 annually for a telehealth network that will bring the expertise of medical specialists to every hospital in the state as well as encourage continuing education for health care providers.

In an on-going initiative, the Commission continues to examine the methodology utilized to identify high-cost areas of the telecommunications industry so that the state's Universal Service Fund can accurately fulfill its mission of providing affordable telephone service to all Nebraskans.

The Commission's Wireless E-911 Department, reports that 42 of Nebraska's 93 counties now have implemented Phase I of a program that will eventually permit emergency dispatchers to pinpoint the exact location of callers who use their wireless telephones to summon help. As the fiscal year ends, the Commission is preparing for Phase II, the final piece of the Wireless E-911 puzzle. The importance of this effort is underscored as the number of wireless lines approaches 50 percent of Nebraska's combined wireline and wireless telephone lines in service.

At the direction of the Legislature, the Commission conducted eight public meetings in all regions of the state to listen to Nebraskans' experiences with wireless telephone service. A report on these meetings will be given to the Transportation and Telecommunications Committee as it deliberates whether to pursue some form of regulatory oversight.

In the past year, we have upgraded our website to make the Commission virtually accessible to the state's residents 24-hours-a-day, 365-days-per-year. Consumers can now file complaints on-line regarding their telecommunications service. Plus, the Commission's website has application forms for a variety of programs that the Commission oversees.

As you and your staff examine this report, please call on the Public Service Commission with your comments and questions.

Sincerely,

Gerald L. Vap
Chairman

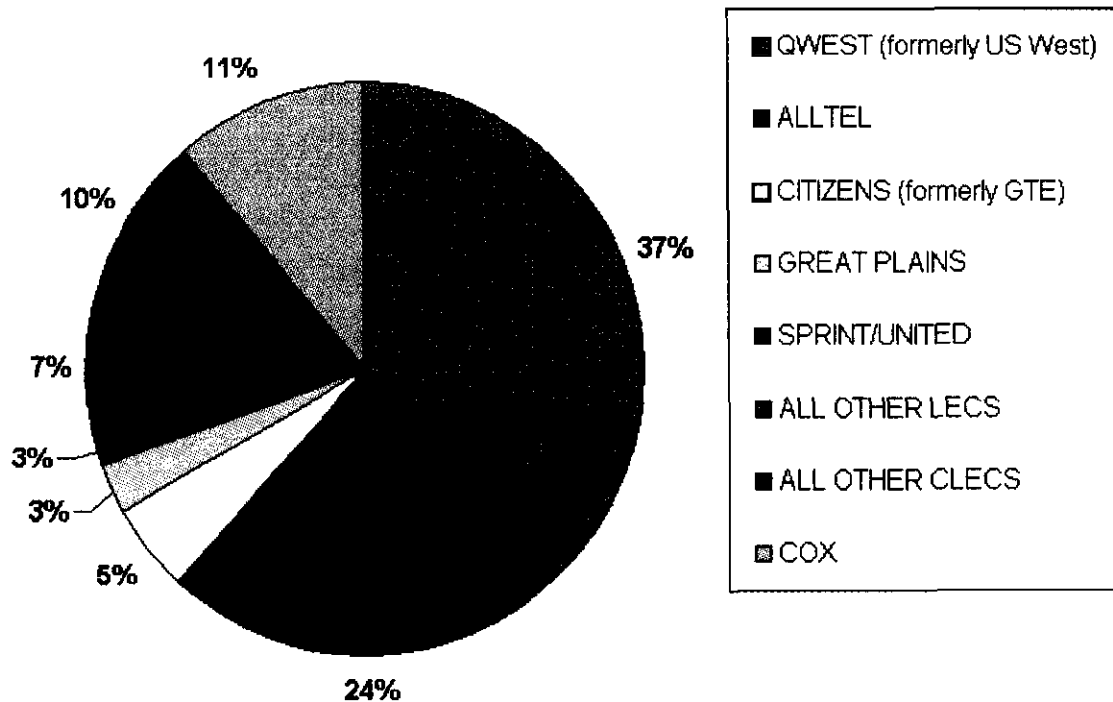
ACCESS LINE & EXCHANGE DATA
January 1, 2004

COMPANY	ACCESS LINES		
	BUSINESS	RESIDENTIAL	TOTAL
QWEST (Formerly US West)	208,497	204,515	413,012
ALLTEL	92,327	168,575	260,902
COX NEBRASKA TELECOM, LLC	15,180	106,729	121,909
CITIZENS (Formerly GTE)	18,716	34,306	53,022
AT&T COMM. OF THE MIDWEST (Includes TCG)	33,678	0	33,678
GREAT PLAINS	7,302	24,896	32,198
SPRINT/UNITED	9,822	18,223	28,045
NT&T	7,807	17,565	25,372
ALLTEL - MIDWEST	19,184	3,152	22,336
MCLEOD USA	6,628	5,782	12,410
NEBRASKA CENTRAL	1,642	6,769	8,411
BLAIR	2,453	5,897	8,350
MCIMETRO ACCESS TRANS SERVICES	0	7,026	7,026
HAMILTON	2,152	4,406	6,558
SOUTHEAST NEBRASKA	1,023	3,100	4,123
NORTHEAST NEBRASKA	556	3,470	4,026
EASTERN NEBRASKA	1,199	2,238	3,437
CONSOLIDATED	826	2,223	3,049
NEBCOM	511	2,435	2,946
COZAD	787	2,102	2,889
GLENWOOD	393	2,202	2,595
ARAPAHOE	572	1,871	2,443
PIERCE	519	1,466	1,985
CONSOLIDATED TELCO	387	1,246	1,633
HARTINGTON	586	1,029	1,615
IONEX	1,176	286	1,462
CONSOLIDATED TELECOM ("HOME & EUSTIS")	290	1,078	1,368
NEW ACCESS	0	1,362	1,362
DALTON (SKT)	204	1,060	1,264
CAMBRIDGE	313	938	1,251
THREE RIVER	230	1,021	1,251
HOOPER	271	956	1,227
VARTEC	0	1,225	1,225
1-800-RECONEX, INC.	0	1,199	1,199

ACCESS LINE & EXCHANGE DATA
January 1, 2004

COMPANY	ACCESS LINES		
	BUSINESS	RESIDENTIAL	TOTAL
HENDERSON	434	739	1,173
ARLINGTON	146	985	1,131
STANTON	221	886	1,107
BENKELMAN	311	788	1,099
PLAINVIEW	232	863	1,095
ROCK COUNTY	310	736	1,046
ORBITCOM, INC.	874	51	925
CLARKS	135	776	911
DILLER	61	843	904
HEMINGFORD	165	707	872
CURTIS	243	613	856
HERSHEY	216	555	771
K&M	163	514	677
KEYSTONE-ARTHUR	119	503	622
WAUNETA	131	470	601
FIBERCOMM	289	280	569
HUNTEL COMMUNICATIONS	114	455	569
HOULTON/EZ PHONES	0	566	566
HARTMAN	52	378	430
PINPOINT COMMUNICATIONS, INC.	39	327	366
ELSIE (SKT)	49	175	224
EXCEL	0	205	205
SODTOWN	6	90	96
GOLDEN WEST	0	66	66
FAST PHONES OF NEBRASKA	0	63	63
Z-TEL COMMUNICATIONS, INC.	35	10	45
COMM SOUTH	0	37	37
NOS COMMUNICATIONS, INC.	20	0	20
APPLIED COMM. TECHNOLOGY, INC.	0	4	4
TOTAL	439,596	653,033	1,092,629

Access Lines - 2003 State of Nebraska



Note: Wireless access lines reported for relay remittance purposes represent 800,603 lines in addition to the access lines listed above.

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PART I

Review of the Quality of Telecommunications Service Provided to Nebraska Citizens

1. Telephone Complaints

The following table shows the total number of complaints filed this year and divides the complaints between local exchange carriers (LECs), interexchange carriers (IXCs), also known as long distance companies, and wireless carriers.

	2001-2002	2001- 2002 Percentage	2002-2003	2002-2003 Percentage	2003-2004	2003-2004 Percentage
LECs	1,072	45.2%	693	38.2%	567	26.4%
IXCs	895	37.7%	756	41.8%	891	41.4%
Wireless	366	15.4%	361	20.0%	692	32.2%
Misc.	40	1.7%	0	N/A	0	N/A
TOTAL	2,373	100.0%	1,810	100.0%	2,150	100.0%

Complaints were separated into the following categories:

Types	Local	Long Distance	Wireless
Billing	248	675	390
Service	215	61	286
Slamming	32	82	
Telemarketing	31	58	
Customer Service	19	8	16
Directory	19	1	
Auto Dialer	3	6	
TOTAL	567	891	692

** There were 692 wireless complaints. These complaints are divided into the individual categories.

While the Commission lacks statutory authority over wireless telecommunications service and billing, it continues to receive an increasing number of such complaints. The Commission strives, utilizing existing resources, to address these complaints to assist the wireless customer. The Commission will give consideration to supporting legislation this coming session that gives it authority over wireless carriers' billing and service practices.

A. Local Exchange Carriers (LECs)

There are 42 incumbent local exchange carriers in Nebraska (including the cooperative telephone companies) and 90 competitive local exchange carriers. Qwest is the largest LEC with 413,012 access lines, while Sodtoun Telephone Company has only 96 access lines. The following table shows the LEC complaints by company. As one would expect, the largest number of complaints involved the two largest LECs, Alltel and Qwest.

LECs	2001 to 2002	2001 to 2002 Access Lines	2001 to 2002 Percent of Total Lines	2002 to 2003	2002 to 2003 Access Lines	2002 to 2003 Percent of Total Lines	2003 to 2004	2003 to 2004 Access Lines	2003 to 2004 Percent of Total Lines
Alltel	510	287,514	25.4%	237	274,416	24.7%	187	260,902	23.9%
Qwest	259	495,672	43.6%	212	452,425	40.7%	167	413,012	37.8%
NT&T	10	5,978	0.5%	66	12,264	1.1%	89	25,372	2.3%
Cox	24	82,066	7.2%	37	106,921	9.6%	40	121,909	11.2%
Citizens	45	58,358	5.1%	16	55,240	5.0%	32	53,022	4.9%
McLeodUSA	71	13,726	1.2%	62	14,148	1.3%	18	12,410	1.1%
New Access	10	**	**	19	1,954	0.2%	7	1,362	0.1%
Great Plains	7	34,135	3.0%	8	33,549	3.0%	5	32,198	2.9%
United	14	30,001	2.7%	9	29,022	2.6%	4	28,045	2.6%
Ionex/Birch							7	1,462	0.1%
Others	22	128,465	11.3%	27	132,243	11.8%	11	142,935	13.1%
TOTAL	1,072	1,135,915	100.0%	693	1,112,182	100.0%	567	1,092,629	100.0%

** No access lines reported as of December 31, 2002.

B. Interexchange Carriers (IXCs)

The number of long distance companies certificated to operate in the state continues to grow. Currently, there are 259 companies authorized to provide long distance services in Nebraska. The following table shows the number of complaints filed against long distance companies. The largest number of complaints involved AT&T and MCI. Customers can verify they have the long distance carrier of their choice by dialing the toll-free telephone number (700) 555-4141.

IXCs	2001-2002	Percentage	2002-2003	Percentage	2003-2004	Percentage
AT&T	512	57.2%	238	31.5%	410	46.0%
MCI	132	14.7%	174	23.0%	136	15.3%
Excel	12	1.3%	7	1.0%	6	0.7%
Sprint	56	6.3%	54	7.1%	68	7.6%
Touch America	9	1.0%	9	1.2%	0	0

IXCs	2001-2002	Percentage	2002-2003	Percentage	2003-2004	Percentage
VarTec	25	2.8%	25	3.3%	44	4.9%
Talk.Com	6	0.7%	N/A	N/A	0	N/A
ILD	15	1.7%	18	2.4%	10	1.1%
Integretel	32	3.6%	13	1.7%	6	0.7%
Advantage	N/A	N/A	23	3.0%	2	0.2%
00 Operator	N/A	N/A	33	4.4%	0	N/A
T-Netix	N/A	N/A	15	2.0%	1	0.1%
LCR Telecom	N/A	N/A	N/A	N/A	14	1.6%
Opticom	N/A	N/A	N/A	N/A	12	1.4%
Primus	N/A	N/A	N/A	N/A	8	0.9%
US Telecom	N/A	N/A	N/A	N/A	12	1.3%
Miscellaneous	96	10.7%	147	19.4%	162	18.2%
TOTAL	895	100.0%	756	100.0%	891	100.0%

C. Formal Complaints

The following formal complaints are pending or were filed with the Commission during the past year:

FC-1311 Business Telephone Inc., Scottsbluff, v. Sprint Corporation, Overland Park, Kansas, alleging unfair business practices.

On February 24, 2003, Business Telephone Inc., alleged that Sprint engaged in unfair business practices. The Commission received an answer on March 13, 2003. On April 22, 2003, the Commission conducted a videoconference between the parties from the Commission Hearing Room in Lincoln and the Panhandle Learning Center in Scottsbluff. The formal complaint was dismissed on August 31, 2004, due to the fact that the Commission found no evidence was presented to support a refund to any party and additionally found that Sprint's subsequent amended rates have rendered the underlying issue moot.

FC-1312 Michael J. Haller, Jr, Omaha, vs. Qwest Corporation, Denver, Colorado.

On March 20, 2003, Michael Haller filed a complaint against Qwest Corporation alleging unsatisfactory business practices. On April 11, 2003, Qwest filed its answer to the complaint. A pre-hearing conference and a public hearing were held after proper notice to the parties. On September 9, 2003, Qwest filed a stipulation signed by both parties stating that the issues raised in the complaint had been resolved. The Commission entered an order to dismiss the complaint as satisfied.

FC-1313 A & H Enterprises d/b/a Platte Valley Internet, Columbus, v. Citizens Communications, d/b/a Frontier, Brownsville, Minnesota, regarding billing dispute.

On July 18, 2003, Platte Valley Internet filed a complaint regarding the method utilized by Frontier to calculate the end-user access charge (SLC) because Frontier had begun charging

Platte Valley for each of the 24 channels on the circuit rather than just once per circuit. On August 8, 2003, Frontier filed its answer asserting its own investigation's determination that Platte Valley had been billed appropriately based upon 47 C.F.R. 69.104(a). The Commission conducted a hearing on October 1, 2003. On March 2, 2004, the Commission issued an order dismissing the complaint for lack of jurisdiction, stating that the federal rule allowed SLC charges for each line and that the rule could only be amended via petition to the Federal Communications Commission.

FC-1316 Nebraska Technology Operations Center, d/b/a Kearney.net, Kearney, v. Citizens/Frontier Communications, Kearney, alleging a billing error.

On February 11, 2004, Nebraska Technology Operations Center (NTOC) filed a complaint against Citizens/Frontier Communications (Frontier) alleging a billing error involving Internet Digital Access Service (IDAS) provided by Frontier. Frontier filed an answer and motion to dismiss on March 4, 2004. The Commission held a hearing on April 28, 2004, following notice provided on April 7, 2004. NTOC sought complete discharge of amounts owed for the period between June 19 and August 6, 2003. The Commission determined that Frontier created confusion with inconsistencies on prior bills and delayed inclusion of IDAS charges. The Commission also stated that Frontier's notice failed to comply with Nebraska disconnection rules. However, the Commission determined that a fine would not be justifiable given the circumstances because Frontier actually delivered the billed-for services, no evidence suggested that Frontier intentionally misled NTOC, efforts were made to establish a payment plan for the unexpected charges, and no disconnect occurred following the delayed notice. The Commission also stated that IDAS, regulated by the federal tariff, fell within the jurisdiction of the Federal Communications Commission rather than the jurisdiction of the Commission. The Commission dismissed the complaint.

FC-1318 All American Insurance, Inc., Lincoln, v. Alltel, Lincoln, alleging a billing error.

On April 7, 2004, All American Insurance filed a complaint alleging billing errors against Alltel. On June 25, 2004, Alltel filed a stipulation signed by both parties stating that they have fully resolved the issue contained within the complaint. The Commission entered an order dismissing the complaint on June 29, 2004.

D. Relay Service Complaints

Consumer complaints related to the relay system totaled 55 for the fiscal year ending June 30, 2004, as compared to 33 for the fiscal year ending June 30, 2003. Service complaints totaled 22 during this period. Generally, the Communications Assistant (CA) being rude, typing speed not adequate or not following instructions comprise this category. Three calls captured in the service category also related to Internet relay fraud. Seven complaints comprised the technical complaint category. Four of these related to 711 dialing and were isolated to a portion of the Omaha/Bellevue area and fixed by the telephone company the same day. One complaint deals with carrier-of-choice/equal access issues with Great Plains Communications. The remaining two technical complaints were miscellaneous in nature with no verifiable cause relating to the source of disruption. Of the 55 complaints received, 26 of these complaints related to external complaints. These complaints reside outside of the direct control of the relay facility and consequently are not attributed to relay nonperformance. In the miscellaneous category of technical complaints, 11 of these 23 calls were fraudulent calls through Internet relay. Generally, calls of this nature request the user to provide advance payments or fees for services or products that are not rendered. The remaining complaints were due to harassing/annoyance calls.

On July 29, 2003, an Alltel representative informed the Commission that Alltel is now available as a choice for long distance service for relay users. The Commission began discussion with the providers the previous fiscal year to accomplish this objective.

Hamilton experienced several service outages during the fiscal year ended June 30, 2004. On January 14, 2004, a technical disruption in the relay center's computer system failed to forward one channel to their Louisiana center. Additional testing procedures were implemented to avoid the problem reoccurring. No complaints were received regarding this outage. On May 10, 2004, the center experienced a 10-minute time period where calls could not be received. The switch responded properly, but the workstations could not function and had to be rebooted. No cause for this outage could be determined. On June 18, 2004, from 10:42 a.m. to 10:59 a.m., central time, another outage occurred and calls could not be rerouted to another center. No verifiable cause of the problem was determined, but it appears an internal network problem between the host application and switch caused the relay disruption.

The following charts reflect the complaints taken by category for the fiscal year ended June 30, 2004:

Service Complaints

Complaint Category	Complaints
CA Didn't Follow Instructions	1
CA Didn't Follow Voice Mail/Recording Procedure	2
CA Didn't Keep User Informed	1
CA Gave Wrong Information	1
CA Rude	5

Complaint Category	Complaints
CA Typing/Typing Speed	3
Customer Dislikes Policy/ Procedure	1
Miscellaneous	7
Ringin/No Answer	1
Subtotal – Service Related	22

Technical Complaints

Complaint Category	Complaints
711 Related	4
Carrier of Choice/Other Equal Access Related	1
Miscellaneous Issues	2
Subtotal – Technical Related	7

External Complaints

Complaint Category	Complaints
Cell Phone Tower Number Appearing (instead of cell number).	1
Miscellaneous	23
Number Not ANI Correctly	2
Subtotal – External Related	26

2. Service Testing

The Commission ensures Nebraskans are receiving quality telecommunications service by periodically reviewing performance data provided by telephone companies and by monitoring consumer complaints for indications of potential problems requiring further investigation. All local exchange carriers are using digital switches designed to perform a series of self-diagnostic tests, which makes the monitoring and identification of service quality issues much easier. The Commission's technical staff offers assistance in identifying the source of service problems and is available to assist in resolving service complaints from consumers across the state.

The Commission receives monthly service quality data from Qwest consistent with the requirements established in the approved Qwest's Performance Assurance Plan (QPAP.)

On May 7, 2003, the Commission opened Docket No. C-2940 to investigate the quality of service provided by Alltel. The order established a monthly reporting requirement and established benchmarks for 12 service quality measurements. On June 25, 2004, the Commission staff submitted their audit report of the monthly performance data filed by Alltel. The audit report indicates that Alltel has substantially met each of the 12 service quality standards, however, Commission staff could not make a conclusive determination regarding operator

services. Alltel outsourced its operator services to Southwestern Bell Corporation (SBC). Call volumes from SBC for the operator services data included Nebraska, Kansas, Western Missouri and Oklahoma. Audit staff was unable to obtain disaggregated data for the purposes of analyzing data specific to Nebraska as SBC does not report data for each individual state. The Commission found that Alltel has satisfied its reporting requirements under the docket and sufficiently met the benchmarks established to assess Alltel's service quality and closed the docket on June 29, 2004.

The current service quality standards in the Commissions Telecommunications Rules and Regulations were developed for traditional copper based switched circuit technology. The Commission Staff is currently reviewing the existing service quality rules and will propose changes intended to be technology neutral.

PART II

Review of the Availability of Diverse and Affordable Telecommunications Services to the People of Nebraska

1. Telecommunications Act of 1996

The Nebraska Public Service Commission implements key provisions of the 1996 Telecommunications Act (Act) that facilitate competition while maintaining quality and affordable service. Multiple factors contribute to increased consumer choice. First, competitive local exchange carriers (CLECs) create local competition. CLECs serve approximately 21 percent of the state's access lines, an increase from a 13 percent share two years ago. Cable providers, primarily in the Omaha area, serve nearly half of the market share attributed to CLECs. Second, wireless companies continue to increase their presence, now accounting for over 42 percent of the combined wireline and wireless market. The additional choice has not reduced access. Ninety-seven percent of Nebraskans continue to possess basic telephone service.

During the previous year, the Commission addressed numerous issues involving consumer choice, public safety, distance learning, universal service, and emergent technology such as VoIP (Voice-over Internet Protocol). The list below includes some of the major issues addressed by the Commission in the last fiscal year:

C-2874/ *In the Matter of the Commission, on its own motion, seeking to investigate the*
PI-71 *current status of distance learning in Nebraska.*

The Commission opened Docket No. C-2874/PI-71 due to concerns regarding availability of the infrastructure necessary to facilitate distance learning. Pursuant to the order, the Commission conducted a workshop by videoconference on March 18, 2003, with links to Columbus, Grand Island, Hastings, Kearney, McCook, North Platte, Norfolk, O'Neill, and Scottsbluff. At a public meeting held August 26, 2003, the Statewide Synchronous Video Network Work Group (SSVNWG) presented a report regarding the future of distance learning. The SSVNWG report sought guidance from the Commission regarding future tariffs and available options to fund the conversion to an Internet Protocol (IP) centric network. In a letter dated September 16, 2003, to Michael Beach, Chair of Nebraska Educational Telecommunications, the Commission related its findings. First, the Commission determined that several different services and subsequent tariffs should be available to schools. Second, the Commission estimated that Nebraska Universal Service Fund (NUSF) existent obligations limited the aid NUSF could provide to IP conversion. However, the Commission encouraged pursuit of RUS grants, Federal Universal Service Fund, philanthropic foundations and/or state funding provided by the legislature.

C-2910 & *Petition for Declaratory Ruling of Lincoln Electric System seeking a determination that Title 291, Chapter 5, Telecommunications Rules and Regulations, Sections 001, 002 and 003, as amended and enacted March 31, 2003, governing telecommunications contract carriers, shall not be applied retroactively to the Application of Lincoln Electric System for Contract Carrier Permit Authority (Application No. C-2910) filed March 27, 2003.*
C-2925

On March 27, 2003, in Docket No. C-2910, Lincoln Electric System (LES) filed an application for contract carrier authority. Later, in Docket No. C-2925, filed on April 16, 2003, LES requested a declaratory ruling from the Commission that contract carrier rules should not be applied to LES' application. In C-2925, the Commission held that requirements and conditions set forth in the contract carrier rules would be applied to the LES application. On September 5, 2003, the Nebraska Telecommunications Association and the Nebraska Cable Communications Association filed a motion for an indefinite extension of time regarding C-2910 until the completion of all appeals from the Commission's declaratory ruling in Application No. C-2925. The Commission granted the extension.

C-2932 *NPCR, Inc., d/b/a Nextel Partners, Eden Prairie, Minnesota, seeking designation as an eligible telecommunications carrier that may receive universal service support.*

On April 24, 2003, NPCR, Inc., d/b/a Nextel Partners (Nextel), of Eden Prairie, Minnesota, filed for designation as an eligible telecommunications carrier (ETC) to receive federal universal service support. Nextel requested ETC designation in areas served by Qwest and also by many rural telecommunications carriers. Since Nextel sought ETC designation in areas served by rural telephone companies, the 1996 Telecommunications Act required the Commission to issue a public interest determination. On February 10, 2004, following a hearing, the Commission denied the application, determining that Nextel only offered generalized evidence that it could provide the quality of service required by federal law of ETC providers. The Commission further found that Nextel failed to present a clear plan and timetable to provide the supported services throughout the designated territory.

C-2940 *The Commission, on its own motion, seeking to determine whether the retail service quality provided by Alltel is adequate.*

In response to Alltel's announced layoffs and its removal of a call center from Lincoln to out-of-state locations, the Commission opened this docket to ensure that the service quality provided to Alltel's Nebraska customers did not deteriorate. The Commission re-instituted the monthly reporting requirements for Alltel relating to 12 standards, such as speed-of-answer times, repair times, commitments met and the timely response to trouble reports. The audit team filed its report with the Commission on June 25, 2004. Alltel met or exceeded the benchmarks established by the Commission. Thus, the Commission closed the docket on July 7, 2004.